

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																																										
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Work Order ID 131975***131975***

Page 2

Item ID: K10004

Accept

N900040100Setup Start ***NS1***

Revision ID:

Item Name: Heavy Duty Saddle

Stop ***NS2***Start Date: 4/12/15 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 4/20/15 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120 Identify as per dwg & Stock Location **P6126** 0.00***120***

Packaging

Memo

0.00

Packaging

**DAS
6
9-88****MAY 12 2015**

130 QC21- Final Inspection - Work Order Release 0.00

130

QC

Memo

0.00

Quality Control

MCS**MAY 13 2015****MAY 12 2015**

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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
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Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Page 1

Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP: D05.07.22Reformat; Added D3428-3 per CHG003KJ/JLM
IPP Rev:E 08-09-29 revD as per dwg DD verified by: IPP Rev:F
chg005 DD 10.06.03 verf:JLM IPP REV:G 13.08.21
REMOVED D3428-3 DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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AN4-51A		Purchased	No			105	Each	214.0000	16	16		DAS APR 27 2015 9-89	
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AN4-51A

Bolt

DAS
6
9-89

Location	Loc Qty	Loc Code
FG	5	
122993	5	
ST312A	201	
m129390	100	
m131305	1	
m131624	100	
ST340	8	
m131957	8	

DAS
28
9-89

AN5-15A		Purchased	No			105	Each	124.0000	32	32			
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AN5-15A

Bolt

DAS
6
9-89

Location	Loc Qty	Loc Code
GA	60	
m130005	60	
ST299A	14	
m131305	14	
ST337	50	
m131957	50	

APR 27 2015

DAS
28
9-89

DQA: _____ Date: _____



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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : ☐					

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Page 2

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Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

AN5-36A	Purchased	No	105	Each	99.0000	2	2	DAS 27 9-89
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AN5-36A

Bolt

DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST299A	60	
M131957	60	
ST336	39	
M130325	1	
M130466	15	
M131624	23	

DAS
28
9-89

AN5-42A	Purchased	No	105	Each	19.0000	2	2	DAS 27 9-89
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AN5-42A

Bolt

DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST336	19	
m127475	19	

DAS
28
9-89

AN5-43A	Purchased	No	105	Each	21.0000	2	2	DAS 27 9-89
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AN5-43A

Bolt

DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST335	21	
M127933	6	
M128028	15	

DAS
28
9-89

AN5-45A	Purchased	No	105	Each	26.0000	2	2	DAS 27 9-89
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AN5-45A

Bolt

DAS
6
9-89

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
ST335	26	
M127933	26	

DAS
28
9-89

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Shop Packet Print

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Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

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Work Order ID: 131975

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Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

D205-641-011

Manufactured No

105

Each

0.0000

2

2

DAS

D205-641-011

Ground Handling Lugs

DAS
6
9-89

**

124310

28
9-89

D2570

Manufactured No

105

Each

657.0000

32

32

DAS

D2570

Bushing

**

27
APR 24 2015

Location

Loc Qty

Loc Code

FG

12

88781

12

FP001

19

120285

19

ST008

111

116925

4

→ 120285

107

ST012a

515

117844

5

129830

310

130952

200

D3407-041

Manufactured No

105

Each

5.0000

2

2

DAS

D3407-041

Tow Ring

**

27
DAS
28
9-89

Location

Loc Qty

Loc Code

ST532

5

107840

3

119184

2

B1308S9

2

DQA: _____ Date: _____



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QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐								
Misidentified ☐	Past Due ☐	OTHER : _____							

Picklist Print

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Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

D3417-5

Manufactured No

105

Each

123.0000

4

4

D3417-5

Washer

DAS

27

DAS

28

28

9-89

9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST038

41

124382

1

128483

40

ST038A

82

129948

40

131054

42

4

D3456-1

Manufactured No

105

Each

109.0000

2

2

D3456-1

Washer

DAS

27

DAS

28

28

9-89

9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

FG

7

25701

7

ST051A

102

128456

3

129861

49

130974

50

2

D5951

Manufactured No

105

Each

4.0000

2

2

D5951

Saddle

DAS

27

APR 24 2015

DAS

28

9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

ST399

4

124201

2

130250

2

2

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

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Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

D5953

Manufactured No

105 Each 8.0000 2 2

D5953

Saddle

DAS
6
9-89

Location

Loc Qty

Loc Code

ST398

4

127303

4

ST399

4

118835

2

124110

2

DAS

27

9-89

DAS

28

9-89

D5955

Manufactured No

105 Each 9.0000 2 2

D5955

Saddle

DAS
6
9-89

Location

Loc Qty

Loc Code

ST399

9

118848

3

124142

2

127341

4

DAS

27

9-89

DAS

28

9-89

D5957

Manufactured No

105 Each 6.0000 2 2

D5957

Saddle

DAS
6
9-89

Location

Loc Qty

Loc Code

ST399

6

127701

4

130251

2

DAS

27

9-89

DAS

28

9-89

APR 24 2015

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐																		
Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐																		
Large Fab ☐	Composite ☐	Supplier ☐																			
Date :	Step #:	QTY Effective :		MRB (QS1042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
Root Cause		FAULT CATEGORY																			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐																
OTHER : ☐																					

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Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

105

Each

1,277.000

16

16

MS21042L 4

Locknut

DAS

27

9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

FP001

42

m124231

42

GA

574

m127813

574

ST260a

118

m130799

56

m131803

62

ST305

543

426

426

m128300

8

m130922

97

m131618

12

MS21042L5

Purchased

No

105

Each

311.0000

40

40

MS21042L 5

Nut

DAS

27

9-89

DAS
6
9-89

Location

Loc Qty

Loc Code

GA

150

m127813

150

ST305

161

m127813

136

m130388

4

m131340

21

APR 24 2015

DAS
28
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐	No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐	Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐	Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐	Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐	Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐
OTHER : _____					

Picklist Print

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Work Order ID: 131975

131975

Parent Item: K10004

K10004

Parent Item Name: Heavy Duty Saddle

Start Date: 4/12/15

Required Date: 4/20/15

Start Qty: 1.00

Required Qty: 1.00

MS21043-4

Purchased

No

105

Each

1,083.000

2

2

MS21043-4

Nut

DAS

27

9-89

DAS

28

9-89

DAS

6

9-89

Location

Loc Qty

Loc Code

FG

40

104603

40

GA

370

m128798

370

ST304

673

m128818

34

~~m131697~~

639

2

DAS

27

9-89

NAS1149D0563J

Purchased

No

105

Each

1,431.000

80

80

NAS1149D0563.J

Washer

APR 24 2015

DAS

6

9-89

Location

Loc Qty

Loc Code

GA

130

m125807

130

ST260a

1063

m130799

63

m132035

1000

40

ST269

156

m128257

156

ST271

82

m131026

82

40

DAS

28

9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																											
Date :		Step #:		QTY Effective :				MRB (QSI042) Approval																																																							
Description Work Order Deviation				Disposition				Completed By																																																							
								Lead hand / Supervisor Approval Verification																																																							
								QC / QA Coordinator Approval																																																							
Root Cause		FAULT CATEGORY																																																													
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____	
Misidentified ☐	Past Due ☐																																																														

THIS KIT CONTAINS PARTS AND PAPERWORK APPLICABLE TO THE FOLLOWING
LANDING GEAR INSTALLATIONS:

AIRCRAFT	INSTALLATION
BELL 412	D412-652-011 D412-652-021
BELL 205/212/214	D205-594-011 D205-594-013 D205-594-015
BELL 204	D205-594-021 D205-594-023

THE FOLLOWING PARTS SHOULD BE USED PER THE RELEVANT DRAWINGS AND THE
FOLLOWING TABLE (REF):

PART NUMBER	K10004	D412-652-011 D412-652-021	D205-594-011 D205-594-013 D205-594-015 D205-594-021 D205-594-023
D205-641-011	2	2	2
D2570	32	32	32
D3407-041	2	2	2
D3417-5	4	4	4
D3428-3*	1	N/A	1
D3456-1	2	2	2
D5951	2	2	2
D5953	2	2	2
D5955	2	2	2
D5957	2	2	2
AN4-51A	16	16	16
AN5-15A	32	32	32
AN5-36A	2	2	2
AN5-42A	2	2	2
AN5-43A	2	2	2
AN5-45A	2	2	2
AN960JD516	80	80	80
MS21042-4 (OR L4)	16	16	16
MS21042-5 (OR L5)	40	40	40
MS21043-4	2	2	2

*REQUIRED WITH D205-594-011/-013 INSTALLATIONS ON 214 AIRCRAFT ONLY

E	D3407-041 WAS D3407-045; REMOVE D3812-1; REASON: TOW RING IS CHANGED ON D205-634-011/ D204- 635-011 SKIDTUBES @ CHG 007 AND D205-634-015 SKIDTUBES @ CHG 006. SEE DSI 9417/9418 @ REV. B	PH	09.01.28
D	D3407-045 WAS D2707-041; D3456-1 WAS AN970-4; MS21043-4 REPLACES MS21042-4 (QTY 2); ADD D3417-5 AND D3812-1; ADD REFERENCE TO D205-594-021/-023	PH	08.09.11
C	ADD D3428-3 PLACARD	PH	05.07.22
B	ADD D2707-041 OPTION	DS	00.11.22
A	NEW ISSUE	DS	00.06.01
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN			
CHECKED		DRAWING NO.	REV. E
MFG. APPR.		K10004	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		SADDLE KIT	NTS
DATE	09.01.28	COPYRIGHT © 2000 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

131975 MLS
1504-22